

6. (Amended) A communication device, receiver, transmitter, transceiver, telephone, mixer, modulator or demodulator, comprising a quadrature device (1) according to claim 1.

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9. (Amended) The method according to claim 8, characterized in that the quadrature device (1) is a sigma delta modulator producing I and Q bitstreams, and that I and Q feedback signals from said output bitstreams are exchanged.

10. (Amended) The method according to claim 9, characterized in that the exchanging has a rate which is a multiple of the sampling frequency of said bitstreams.

11. (Amended) The method according to claim 10, characterized in that the exchanging of the I and Q signals takes place in dependence on their I and Q data content.

12. (Amended) The method according to claim 11, characterized in that the exchanging of the I and Q paths takes place on an exclusive OR basis, whereby alternately the I and Q signals are fed back as they are or are fed back interchanged in exclusive OR dependence on the I and Q data content.

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